

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 1 of 1 Jan 2003		
TO: Port Director, Canaveral Port Authority P.O. Box 267, Cape Canaveral, FL				FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Canaveral Harbor, Brevard County, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

Outer Reach Entrance Channel: Cuts 1A & 1B, from entrance to 500 feet landward of red lighted Buoy-6	Nov-2002	400	3.1	44	42.9 (1)	43.0 (1)	42.6 (1)	42.4 (1)
Entrance Channel: Cut-1, from 500 feet landward of red lighted Buoy-6 to red lighted Buoy-10	Nov-2002	400	2.4	44	41.7 (2)	41.9 (2)	41.7 (2)	41.2 (2)
Widener: Cuts 1 & 2	Nov-2002	400	0.9	44/41	39.7 (3)	44.8	46.0	46.2
Middle Reach Entrance Channel: Cut-2, from red lighted Buoy-10 to the west side of the Trident Entrance Channel	Nov-2002	400	1.1	44	43.3 (4)	44.4	43.6 (4)	43.5 (4)
Inner Reach Channel: Cut-2 & 3, from the west side of the Trident Entrance Channel to the east side of Middle Turning Basin	Nov-2002	400	0.8	40	37.9 (5)	41.2	41.1	38.0 (5)
Middle Turning Basin	Apr-2002	400 - 2225	0.45	39/35	38.7	38.9	37.9	16.3 (6)
Trident Naval Access Channel	Nov-2002	525 - 1340	0.45	41	41.2	41.7	41.9	41.8
Trident Naval Turning Basin	Nov-2002	1200	0.3	41	41.3	42.4	42.5	39.7 (7)
West Access Channel (East Portion)	Sep-2001	400	0.35	39	38.5 (8)	40.3	40.8	39.6
West Access Channel (West Portion)	Sep-2001	400	0.33	31	30.4 (9)	35.1	35.6	34.7
West Turning Basin	Sep-2001	956-1500	0.42	31	31.0	31.4	30.4 (10)	30.2 (10)

Remarks:

1. Shoaling located throughout channel, from red lighted buoy-4 to red lighted buoy-6.
2. Shoaling throughout most of channel, from red buoy-6 to a point approximately 0.5nm seaward of red lighted buoy-10. From this point through remainder of reach, depths are at project depth or deeper.
3. Spot shoal in 41-foot project, along southern portion of widener, about 700 feet west of green lighted buoy-13.
4. Slight spot shoaling along edges of reach.
5. Some spot shoaling along both edges of channel.
6. Extreme shoaling located along the northern edge of basin.
7. Minor spot shoaling located in northeastern corner of turning basin.
8. Minor shoaling along southern edge of channel.
9. Spot shoaling located along the southern edge of channel, approximately 200 feet west of green buoy-15.
10. Minor spot shoaling located in northeastern corner of turning basin.